

ARRANGEMENT FOR UNDERRUN PROTECTION IN VEHICLES

Abstract

Method and arrangement for providing an underrun protection arrangement for a vehicle (1) having a frame (3), an impact element (7) arranged in a position that corresponds to an anticipated stress from a force, F , in the event of a possible collision with another vehicle (2). At least one link element (8) is also included that is firmly connected to the impact element (7) and is fixed so that it can pivot in relation to the said frame (3). An energy-absorbing element (11) is provided that connects the impact element (7) to the frame (3) and which is designed to compress in the event of a pivoting movement on the part of the impact element (7). At least one locking element (10) is included that is designed to permit the pivoting movement only in the event of a stress acting on the impact element (7) with a force that exceeds a predetermined limit.